

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	"1143532"	EPO; JPO; DERWENT	OR	ON	2006/04/26 14:06
S7	18	204/298.\$.ccls. and (target with rotat\$4 with oscillat\$5)	US-PGPUB; USPAT	OR	ON	2005/02/07 17:38
S8	3	("5108574" "6224718" "6488824").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/10 16:50
S9	0	("6800183").URPN.	USPAT	OR	ON	2004/12/10 16:50
S10	1	118/718.ccls. and (target with (pulse oscillat\$5) with rotat\$5)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:55
S11	1	("5035202").URPN.	USPAT	OR	ON	2004/12/10 17:06
S12	3090	(puls\$3 with laser with (deposit\$3 ablat\$3))	USPAT	OR	ON	2004/12/10 17:06
S13	3	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (118/718\$. ccls. 204/298.24.ccls.)	USPAT	OR	ON	2004/12/10 17:10
S14	75	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (substrate with (reel roller spool))	USPAT	OR	ON	2004/12/10 17:22
S15	105	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (substrate with (reel roller spool))	US-PGPUB; USPAT	OR	ON	2004/12/10 17:28
S16	0	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (substrate with (reel roller spool))	EPO; JPO; DERWENT	OR	ON	2004/12/10 17:23
S17	1	(puls\$3 same laser same (deposit\$3 ablat\$3)) and (substrate with (reel roller spool))	EPO; JPO; DERWENT	OR	ON	2004/12/10 17:23
S18	1	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (substrate with (reel roller spool)) and (rotat\$5 same oscillat\$5)	US-PGPUB; USPAT	OR	ON	2004/12/10 17:31
S19	7	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (substrate with (reel roller spool)) and (target with rotat\$5)	US-PGPUB; USPAT	OR	ON	2004/12/10 17:37
S20	3	("5846911").URPN.	USPAT	OR	ON	2004/12/10 17:32
S21	3	("5846911").URPN.	USPAT	OR	ON	2004/12/10 17:34
S22	1	("5372991").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/10 17:34
S23	1	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (substrate with (reel roller spool)) and (target with oscillat\$5)	US-PGPUB; USPAT	OR	ON	2004/12/10 17:38
S24	840	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (motor target with oscillat\$5)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:15
S25	0	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (motor with target with oscillat\$5)	US-PGPUB; USPAT	OR	ON	2004/12/10 17:39
S26	0	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (motor with target with oscilat\$5)	US-PGPUB; USPAT	OR	ON	2004/12/10 17:38
S27	0	(puls\$3 with laser with (deposit\$3 ablat\$3)) and (motor with target with oscillat\$5)	EPO; JPO; DERWENT	OR	ON	2004/12/10 17:39
S28	1	("6506439").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/10 17:52
S29	1	("5846911").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/10 17:52
S30	0	10/602,294	US-PGPUB; USPAT	OR	ON	2004/12/10 18:13
S31	12	selvamanickam-venkat.in. li-yijie.in. park-chan.in.	US-PGPUB; USPAT	OR	ON	2004/12/10 18:13
S32	4	(puls\$3 same laser same (deposit\$3 ablat\$3)) and (take\$1up same pay\$1out same chamber)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:19

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S33	14	(laser same (deposit\$3 ablat\$3)) and (take\$1up same pay\$1out same chamber)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:25
S34	61	118/718.ccls. and (zone with heat\$3)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:26
S35	0	118/718.ccls. and (multi\$1zone with heat\$3)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:37
S36	6	118/718.ccls. and ((multi\$3 plural\$3) with zone with heat\$3)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:27
S37	7	(substrate with (reel roller spool\$30) and (deposit\$3)) and (multi\$1zone with heat\$3)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:38
S38	0	(substrate with (reel roller spool\$30) and (deposit\$3)) and (multi\$1zone with heat\$3)	EPO; JPO; DERWENT	OR	ON	2004/12/10 18:39
S39	0	(substrate and (reel roller spool\$30) and (deposit\$3)) and (multi\$1zone with heat\$3)	EPO; JPO; DERWENT	OR	ON	2004/12/10 18:39
S40	0	(c23c016\$.ipc. and (reel roller spool\$30) and (multi\$1zone with heat\$3))	EPO; JPO; DERWENT	OR	ON	2004/12/10 18:40
S41	0	("118"/\$.ccls. "427"".\$ccls.) and (reel roller spool\$30) and (multi\$1zone with heat\$3))	EPO; JPO; DERWENT	OR	ON	2004/12/10 18:41
S42	2	("118"/\$.ccls. "427"".\$ccls.) and (reel roller spool\$30) and (multi\$1zone with heat\$3))	US-PGPUB; USPAT	OR	ON	2004/12/10 18:41
S43	2	("118"/\$.ccls. "427"".\$ccls.) and (reel roller spool\$30) and (multi\$1zone with heat\$3))	US-PGPUB; USPAT	OR	ON	2004/12/10 18:44
S44	13	(reel roller spool\$30) same (multi\$1zone with heat\$3)	US-PGPUB; USPAT	OR	ON	2004/12/10 18:45
S45	3	(reel roller spool\$30) same (multi\$1zone with heat\$3)	EPO; JPO; DERWENT	OR	ON	2004/12/10 18:45
S46	63	118/718.ccls. and (zone with heat\$3)	US-PGPUB; USPAT	OR	ON	2005/01/09 15:38
S47	0	118/?ccls. and (zone with heater)	US-PGPUB; USPAT	OR	ON	2005/01/09 15:38
S48	408	"118"/\$.ccls. and (zone with heater)	US-PGPUB; USPAT	OR	ON	2005/01/09 15:39
S49	147	"118"/\$.ccls. and (zone with heater with control\$4)	US-PGPUB; USPAT	OR	ON	2005/01/09 15:39
S50	49	("4694143").URPN.	USPAT	OR	ON	2005/01/09 16:25
S51	12497	204/298.24.ccls. (heat\$3 with control\$4 with (zone region))	USPAT	OR	ON	2005/01/09 16:26
S52	0	204/298.24.ccls. and (heat\$3 with control\$4 with (zone region))	USPAT	OR	ON	2005/01/09 16:26
S53	0	204/298.24.ccls. and (heat\$3 with control\$4 with (zone region))	US-PGPUB; USPAT	OR	ON	2005/01/09 16:26
S54	6	204/298.24.ccls. and (heat\$3 with (zone region))	US-PGPUB; USPAT	OR	ON	2005/01/09 16:27
S55	0	204/298.24.ccls. and (temperature with control\$4 with (zone region))	US-PGPUB; USPAT	OR	ON	2005/01/09 16:28
S56	15	118/718.ccls. and (temperature with control\$4 with (zone region))	US-PGPUB; USPAT	OR	ON	2005/01/09 16:36
S57	8	("4920094") or ("5350738") or ("5071828") or ("5972847") or ("6451450") or ("6231666") or ("5280013") or ("5206216")). PN.	US-PGPUB; USPAT	OR	OFF	2005/01/09 16:36
S58	13	("5206216").URPN.	USPAT	OR	ON	2005/01/09 17:19
S59	5	selvamanickam-venkat.in. li-yijie.in. park-chan.in.	USPAT	OR	ON	2005/01/09 17:20
S60	125	(204/298.24).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/06 16:12
S61	22	("3409529").URPN.	USPAT	OR	ON	2005/02/06 16:17

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S62	14	S60 and laser	USPAT	OR	ON	2005/02/06 16:22
S63	688	(118/718).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/06 16:22
S64	20	(S60 S63) and (stor\$3 with (roll reel))	US-PGPUB; USPAT	OR	ON	2005/02/06 16:27
S65	3826	(stor\$3 with (roll reel spool) with (number plural\$3 several))	US-PGPUB; USPAT	OR	ON	2005/02/06 16:28
S66	64	(stor\$3 with (roll reel spool) with (number plural\$3 several)) and ((deposit\$4 coat\$4 etch\$4 process\$4 treat\$4) with chamber) and (substrate)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:34
S67	0	(stor\$3 with (roll reel spool) with (number plural\$3 several) with vacuum) and ((deposit\$4 coat\$4 etch\$4 process\$4 treat\$4) with chamber) and (substrate)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:34
S68	12	(stor\$3 with (roll reel spool) with (number plural\$3 several) with vacuum)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:35
S69	47	(S60 S63) and ((roll reel spool) with (number plural\$3 several) with chamber)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:43
S70	50	((roll reel spool) with (two number plural\$3 several) with chamber with (break\$4 open\$3 releas\$3 vent\$3 evacuat\$3 exhaust\$3) with vacuum)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:47
S71	19	((roll reel spool) with (two number plural\$3 several) with chamber with (break\$4 open\$3 releas\$3 vent\$3 evacuat\$3 exhaust\$3) with vacuum)	EPO; JPO; DERWENT	OR	ON	2005/02/06 16:45
S72	55	118/718.ccls. and (laser)	US-PGPUB; USPAT	OR	ON	2005/02/06 16:57
S73	20	118/718.ccls. and (laser and target)	US-PGPUB; USPAT	OR	ON	2005/02/06 17:01
S74	35	S72 not S73	US-PGPUB; USPAT	OR	ON	2005/02/06 17:01
S75	2	(outside with chamber with (supply pay\$1out) with (reel roller spool\$30)) and (118/718.ccls. 204/298.24.ccls.)	US-PGPUB; USPAT	OR	ON	2005/02/07 09:31
S76	50	(chamber with (supply pay\$1out) with (reel roller spool\$30)) and (118/718.ccls. 204/298.24.ccls.)	US-PGPUB; USPAT	OR	ON	2005/02/07 09:33
S77	0	(separate with chamber with (supply pay\$1out) with (reel roller spool\$30)) and (118/718.ccls. 204/298.24.ccls.)	US-PGPUB; USPAT	OR	ON	2005/02/07 11:26
S78	74	(separate with chamber with (supply pay\$1out) with (reel roller spool\$30))	US-PGPUB; USPAT	OR	ON	2005/02/07 09:34
S79	5	((separate adj chamber) with (supply pay\$1out) with (reel roller spool\$30))	US-PGPUB; USPAT	OR	ON	2005/02/07 09:51
S80	816	(laser with ablation) and ((supply\$3 pay\$1out) with chamber)	US-PGPUB; USPAT	OR	ON	2005/02/07 09:52
S81	1	(laser with ablation) and ((pay\$1out) with chamber)	US-PGPUB; USPAT	OR	ON	2005/02/07 09:52
S82	11	(laser with ablation) and ((supply\$3 pay\$1out) with chamber with (roll reel spool))	US-PGPUB; USPAT	OR	ON	2005/02/07 13:01
S83	0	((pay\$1out) with chamber with (roll reel spool) with (benefi\$4 advantage\$3))	US-PGPUB; USPAT	OR	ON	2005/02/07 10:03
S84	0	((pay\$1out) with chamber with (roll reel spool) with (benefi\$4 advantage\$3))	EPO; JPO; DERWENT	OR	ON	2005/02/07 10:03
S85	0	((pay\$1out) with chamber with (benefi\$4 advantage\$3))	US-PGPUB; USPAT	OR	ON	2005/02/07 10:03
S86	13	((pay\$1out) with chamber with (isolat\$4))	US-PGPUB; USPAT	OR	ON	2005/02/07 10:20
S87	4	((pay\$1out) adj chamber) with (spool\$3 reel\$4 roll\$3)	US-PGPUB; USPAT	OR	ON	2005/02/07 10:24

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S88	1	("6453264").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/07 10:24
S89	60	(US-20010037768-\$ or US-20010050057-\$ or US-20030118719-\$ or US-20030127051-\$ or US-20040140205-\$ or US-20050005846-\$ or US-20040040506-\$ or US-20040261708-\$ or US-20040261707-\$).did. or (US-3409529-\$ or US-3722462-\$ or US-4031851-\$ or US-4224355-\$ or US-4269137-\$ or US-4307681-\$ or US-4392451-\$ or US-4396640-\$ or US-4514437-\$ or US-4576700-\$ or US-4599244-\$ or US-4694143-\$ or US-4753192-\$ or US-4763601-\$ or US-4793908-\$ or US-4913090-\$ or US-4920917-\$ or US-5035202-\$ or US-5097890-\$ or US-5128515-\$ or US-5196100-\$ or US-5206216-\$ or US-5228114-\$ or US-5266116-\$ or US-5411592-\$ or US-5472509-\$).did. or (US-5487875-\$ or US-5603772-\$ or US-5736431-\$ or US-5831248-\$ or US-5846911-\$ or US-5911856-\$ or US-6022832-\$ or US-6147033-\$ or US-6294479-\$ or US-6432285-\$ or US-6453264-\$ or US-6475354-\$ or US-6495008-\$ or US-6506439-\$ or US-6620288-\$ or US-6645573-\$ or US-6740210-\$ or US-6797313-\$ or US-6800183-\$ or US-5510151-\$ or US-5725706-\$ or US-6726812-\$ or US-5913986-\$ or US-6310281-\$).did. or (JP-10147859-\$).did.	US-PGPUB; USPAT	OR	ON	2005/02/07 10:55
S90	9	S89 and (oscillat\$4 with target)	US-PGPUB; USPAT	OR	ON	2005/02/07 10:56
S91	74	separate with chamber with (supply pay\$1out) with (reel roller spool\$30)	US-PGPUB; USPAT	OR	ON	2005/02/07 11:42
S92	26	separate with chamber with (supply pay\$1out) with (reel roller spool\$30)	EPO; JPO; DERWENT	OR	ON	2005/02/07 11:27
S93	350	((locat\$4 hous\$4 plac\$4) with chamber with (supply pay\$1out) with (reel roller spool\$30)) and (deposit\$4 coat\$4 film\$)	US-PGPUB; USPAT	OR	ON	2005/02/07 11:42
S94	748	((locat\$4 hous\$4 plac\$4) with chamber with (supply pay\$1out) with (wind\$4 reel roll\$3 spool\$3)) and (deposit\$4 coat\$4 film\$)	US-PGPUB; USPAT	OR	ON	2005/02/07 11:55
S95	35	((locat\$4 hous\$4 plac\$4) with chamber with (supply pay\$1out) with (wind\$4 reel roll\$3 spool\$3) with (separat\$3 isolat\$3)) and (deposit\$4 coat\$4 film\$)	US-PGPUB; USPAT	OR	ON	2005/02/07 11:48
S96	29	S95 not S91	US-PGPUB; USPAT	OR	ON	2005/02/07 11:44
S97	378	(chamber with (supply pay\$1out) with (separat\$3 isolat\$3)) and (deposit\$4 coat\$4 film\$)	EPO; JPO; DERWENT	OR	ON	2005/02/07 11:48
S98	2	(chamber with (pay\$1out) with (separat\$3 isolat\$3)) and (deposit\$4 coat\$4 film\$)	EPO; JPO; DERWENT	OR	ON	2005/02/07 11:52
S99	1	("5130170").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/07 11:49
S100	0	(pay\$1out adj chamber) and c23c016\$.ipc.	EPO; JPO; DERWENT	OR	ON	2005/02/07 11:53
S101	3	(pay\$1out adj chamber) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/07 11:54
S102	0	(pay\$1out adj chamber) and 204/298.24.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/07 11:55
S103	4	(chamber with (supply pay\$1out) with (wind\$4 reel roll\$3 spool\$3) with (process\$3 treat\$4) with prior) and (deposit\$4 coat\$4 film\$)	US-PGPUB; USPAT	OR	ON	2005/02/07 12:13
S104	14	S89 and oscillat\$5	US-PGPUB; USPAT	OR	ON	2005/02/07 12:13
S105	1	("4793908").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/07 12:13

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S10 6	110	204/298.24.cds. and vacuum	US-PGPUB; USPAT	OR	ON	2005/02/07 13:07
S10 7	125	204/298.24.cds.	US-PGPUB; USPAT	OR	ON	2005/02/07 12:35
S10 8	31	(204/298.24.ccls. 118/718.ccls.) and (load\$3 with lock\$4)	US-PGPUB; USPAT	OR	ON	2005/02/07 15:13
S10 9	9	(outside with (plac\$4 locat\$4) with (wind\$2 roll\$3 reel spool)) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/07 13:04
S11 0	403	118/718.cds. and vacuum	US-PGPUB; USPAT	OR	ON	2005/02/07 13:07
S11 1	6	("3990390").URPN.	USPAT	OR	ON	2005/02/07 13:11
S11 2	6	("2907679" "3401249" "3990390" "4664062").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/07 15:12
S11 3	1	("5831248").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/07 15:12
S11 4	5	("5831248").URPN.	USPAT	OR	ON	2005/02/07 15:12
S11 5	142	(204/298.24.ccls. 118/718.ccls.) and (control\$4 with heat\$3)	US-PGPUB; USPAT	OR	ON	2005/02/07 15:13
S11 6	15	(204/298.24.ccls. 118/718.ccls.) and (control\$4 with heat\$3 with continu\$5)	US-PGPUB; USPAT	OR	ON	2005/02/07 15:18
S11 7	2	(204/298.24.ccls. 118/718.ccls.) and ((varies vary).with heat\$3 with (length))	US-PGPUB; USPAT	OR	ON	2005/02/07 15:21
S11 8	59	(204/298.24.ccls. 118/718.ccls.) and (heat\$3 with (length))	US-PGPUB; USPAT	OR	ON	2005/02/07 15:22
S11 9	79	(US-20010037768-\$ or US-20010050057-\$ or US-20030118719-\$ or US-20030127051-\$ or US-20040140205-\$ or US-20050005846-\$ or US-20040040506-\$ or US-20040261708-\$ or US-20040261707-\$ or US-20010006042-\$ or US-20020026899-\$ or US-20020144656-\$ or US-20040231592-\$).did. or (US-3409529-\$ or US-3722462-\$ or US-4031851-\$ or US-4224355-\$ or US-4269137-\$ or US-4307681-\$ or US-4392451-\$ or US-4396640-\$ or US-4514437-\$ or US-4576700-\$ or US-4599244-\$ or US-4694143-\$ or US-4753192-\$ or US-4763601-\$ or US-4793908-\$ or US-4913090-\$ or US-4920917-\$ or US-5035202-\$ or US-5097890-\$ or US-5128515-\$ or US-5196100-\$ or US-5206216-\$ or US-5228114-\$ or US-5266116-\$ or US-5411592-\$ or US-5472509-\$).did. or (US-5487875-\$ or US-5603772-\$ or US-5736431-\$ or US-5831248-\$ or US-5846911-\$ or US-5911856-\$ or US-6022832-\$ or US-6147033-\$ or US-6294479-\$ or US-6432285-\$ or US-6453264-\$ or US-6475354-\$ or US-6495008-\$ or US-6506439-\$ or US-6620288-\$ or US-6645573-\$ or US-6740210-\$ or US-6797313-\$ or US-6800183-\$ or US-5510151-\$ or US-5725706-\$ or US-6726812-\$ or US-5913986-\$ or US-6310281-\$ or US-3827846-\$ or US-5130170-\$ or US-5589007-\$).did. or (US-4866032-\$ or US-6093290-\$ or US-3990390-\$ or US-5151303-\$ or US-5123376-\$ or US-5262194-\$ or US-5595792-\$ or US-5908507-\$ or US-6602347-\$ or US-6827787-\$ or US-4664059-\$).did. or (JP-10147859-\$).did. or (US-3990390-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/02/07 15:56
S12 0	9	S119 and ((multi\$3 plural\$3) with target)	US-PGPUB; USPAT	OR	ON	2005/02/07 16:06
S12 1	1017	(laser with ablat\$3) and ((multi\$3 plural\$3) with target)	US-PGPUB; USPAT	OR	ON	2005/02/07 16:06

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S12 2	25	(laser with ablat\$3) and (rotat\$3 with (multi\$3 plural\$3) with target)	US-PGPUB; USPAT	OR	ON	2005/02/07 16:22
S12 3	4	(laser with ablat\$3) and (rotat\$3 with (multi\$3 plural\$3) with target) and (continuous adj (substrate film wire web))	US-PGPUB; USPAT	OR	ON	2005/02/07 16:23
S12 4	1	"5207884".PN.	USPAT; USOCR	OR	ON	2005/02/07 16:26
S12 5	21	selvamanickam-venkat.in. li-yijie.in. park-chan.in.	US-PGPUB; USPAT	OR	ON	2005/02/07 17:45
S12 6	570	118/719.ccls. and (reel roll\$3 wind\$3 spool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/07 18:06
S12 7	688	118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/07 17:47
S12 8	445	S126 not S127	US-PGPUB; USPAT	OR	ON	2005/02/07 17:47
S12 9	125	204/298.24.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 19:21
S13 0	444	S126 not (S127 S129)	US-PGPUB; USPAT	OR	ON	2005/02/07 17:48
S13 1	406	118/719.ccls. and (reel roll\$3 wound winding spool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/07 17:49
S13 2	284	S131 not (S127 S129)	US-PGPUB; USPAT	OR	ON	2005/02/07 18:06
S13 3	406	118/719.ccls. and (bobbin reel roll\$3 wound winding spool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/07 17:49
S13 4	302	156/345.31	US-PGPUB; USPAT	OR	ON	2005/02/07 18:06
S13 5	900	((156/345.31) or (156/345.32) or (414/939)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/07 18:06
S13 6	1490	118/719.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/07 18:07
S13 7	576	S135 not S136	US-PGPUB; USPAT	OR	ON	2005/02/07 18:07
S13 8	168	S137 and (bobbin reel roll\$3 wound winding spool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/07 18:07
S13 9	168	S138 not S127	US-PGPUB; USPAT	OR	ON	2005/02/07 18:07
S14 0	2386	(size sized dimension) with (take\$1up pay\$1out)	US-PGPUB; USPAT	OR	ON	2005/09/28 14:46
S14 1	389	(size sized dimension) with (take\$1up pay\$1out) with (chamber unit section station zone)	US-PGPUB; USPAT	OR	ON	2005/09/28 14:48
S14 2	6	S141 and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 14:46
S14 3	6	((size sized dimension) with (spool reel roll) with (chamber unit section station zone region)) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 14:50
S14 4	252	((size sized dimension) with (spool reel roll) with (chamber unit section station zone region) with number)	US-PGPUB; USPAT	OR	ON	2005/09/28 14:51
S14 5	15	((spool reel roll) with (chamber unit section station zone region) with number) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 15:04
S14 6	60	((spool reel roll) with (extra replacement plurality number several) with (chamber unit section station zone region)) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 15:05
S14 7	7	((spool reel roll) with (extra replac\$5) with (chamber unit section station zone region)) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 15:07

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S14 8	7	((spool reel roll ((pay\$1out take\$1up) with (mechanism device))) with (extra replac\$5) with (chamber unit section station zone region)) and 118/718.ccls.	US-PGPUB; USPAT	OR	ON	2005/09/28 15:51
S14 9	1	("4793808").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:54
S15 0	1	("4793908").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/28 15:54
S15 1	4	("3316386" "3612859" "4199383").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 16:03
S15 2	26	("4392451").URPN.	USPAT	OR	ON	2005/09/28 16:21
S15 3	0	118/718.ccls. and (overlap\$4 with plume)	USPAT	OR	ON	2005/09/28 16:28
S15 4	14	118/718.ccls. and (plume)	US-PGPUB; USPAT	OR	ON	2005/09/28 16:22
S15 5	12	(coat\$3 deposit\$3 ((film layer) with form\$3)) with (overlap\$4 with plume)	USPAT	OR	ON	2005/09/28 16:25
S15 6	2	(coat\$3 deposit\$3 ((film layer) with form\$3)) same (overlap\$4 with plume)	EPO; JPO; DERWENT	OR	ON	2005/09/28 16:27
S15 7	16	(coat\$3 deposit\$3 ((film layer) with form\$3)) with (overlap\$4 with plume)	US-PGPUB; USPAT	OR	ON	2005/09/28 16:40
S15 8	30	118/718.ccls. and (overlap\$4)	USPAT	OR	ON	2005/09/28 16:39
S15 9	10	("2734478" "3281265" "3602190" "3752973" "3853093" "4230739" "4311725" "4358473").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 16:29
S16 0	7	("3829373" "3884787" "4562093" "4763601" "5968877" "6673387").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 16:38
S16 1	2	118/718.ccls. and (lobe lobing)	US-PGPUB; USPAT	OR	ON	2005/09/28 16:39
S16 2	24	(coat\$3 deposit\$3 ((film layer) with form\$3)) same (overlap\$4 with plume)	US-PGPUB; USPAT	OR	ON	2005/09/28 16:43
S16 3	8	S162 not S157	US-PGPUB; USPAT	OR	ON	2005/09/28 16:41
S16 4	36	118/718.ccls. and (overlap\$4)	US-PGPUB; USPAT	OR	ON	2005/09/28 16:44
S16 5	9	204/298.24.ccls. and overlap\$4	US-PGPUB; USPAT	OR	ON	2005/09/28 19:21
S16 6	9	("2799600" "3271179" "3793167" "3945903" "3962062" "4017661" "4166876").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 19:22
S16 7	41	("4322276").URPN.	USPAT	OR	ON	2005/09/28 19:24
S16 8	0	("6770175").URPN.	USPAT	OR	ON	2005/09/28 19:31
S16 9	4	("5108571" "6051340" "6319371" "6328857").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 19:31
S17 0	4	usoskin.in. and superconduct\$4	US-PGPUB; USPAT	OR	ON	2006/04/20 16:54
S17 1	15	usoskin.in. and superconduct\$4	EPO; JPO; DERWENT	OR	ON	2006/04/20 16:56
S17 2	0	(118/718.ccls. 204/298.24.ccls.) and (plume with (plurality several))	EPO; JPO; DERWENT	OR	ON	2006/04/20 17:03

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S17 3	1	(118/718.ccls. 204/298.24.ccls.) and (plume with (plurality several))	US-PGPUB; USPAT	OR	ON	2006/04/20 16:57
S17 4	4	("5679167").URPN.	USPAT	OR	ON	2006/04/20 16:57
S17 5	22	("3311735" "3839618" "4328257" "4596718" "4689468" "4851636" "4912361" "4920917" "5203924" "5217747" "5235160" "5239161" "5308977" "5382293" "5412173" "5437725" "5464667" "5556560" "5560779" "5565249" "5573682" "B1432257").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 16:58
S17 6	2	("204"/\$.ccls.) and (overlap\$4 with plume)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 17:11
S17 7	3372	("204"/\$.ccls.) and (overlap\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 17:12
S17 8	516	("204"/298.\$.ccls.) and (overlap\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 17:12
S17 9	516	(204/298.\$.ccls.) and (overlap\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 17:12
S18 0	8	(204/298.\$.ccls.) and (overlap\$4 same laser)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 17:12
S18 1	1	("20060014125").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/24 16:41
S18 2	5091	204/298.\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/25 10:40
S18 3	176	204/298.\$.ccls. and (target same overlap\$4)	US-PGPUB; USPAT	OR	ON	2006/04/25 12:24
S18 4	502	204/298.\$.ccls. and (overlap\$4)	US-PGPUB; USPAT	OR	ON	2006/04/25 10:40
S18 5	95	sumitomo and "ysz"	US-PGPUB; USPAT	OR	ON	2006/04/25 12:25
S18 6	15	sumitomo and "ysz" and tape	US-PGPUB; USPAT	OR	ON	2006/04/25 12:27
S18 7	31	sumitomo and "ybco" and tape	US-PGPUB; USPAT	OR	ON	2006/04/25 12:27
S18 8	29	S187 not S186	US-PGPUB; USPAT	OR	ON	2006/04/25 12:27
S18 9	13	("4162954" "4810346" "4894133" "4902394" "4981566" "5053252" "5340454" "5433835" "5441615" "5478455" "5487822" "5556525" "5824426").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 13:43
S19 0	0	("6217714").URPN.	USPAT	OR	ON	2006/04/25 13:45
S19 1	0	("6217714").URPN.	USPAT	OR	ON	2006/04/25 17:16
S19 2	1	overlap\$4 with vapor with plume	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:17
S19 3	1	overlap\$4 same vapor same plume	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:17
S19 4	2	overlap\$4 and vapor and plume	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:18
S19 5	19	overlap\$4 and plume	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:23
S19 6	576	overlap\$4 and puls\$4 and laser	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:23

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S19 7	1	overlap\$4 and puls\$4 and laser and superconductor	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:23
S19 8	7	overlap\$4 and puls\$4 and laser and (reel roll\$3 spool)	EPO; JPO; DERWENT	OR	ON	2006/04/25 17:25
S19 9	38	overlap\$4 same puls\$4 same laser same (reel roll\$3 spool)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:37
S20 0	1022980	(puls\$3 with laser with deposit\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:38
S20 1	3439	(puls\$3 with laser with deposit\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:38
S20 2	2013	(puls\$3 adj laser adj deposit\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:38
S20 3	235	(puls\$3 adj laser adj deposit\$3) and overlap\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:40
S20 4	3	(puls\$3 adj laser adj deposit\$3) same overlap\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:39
S20 5	15	(puls\$3 adj laser adj deposit\$3) and overlap\$4 with (even\$3 uniform\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:55
S20 6	15	(puls\$3 adj laser adj deposit\$3) and (overlap\$4 with (even\$3 uniform\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 18:01
S20 7	5	("5760366").URPN.	USPAT	OR	ON	2006/04/25 17:50
S20 8	10	("5483037" "5534079" "5558788" "5580663" "5618760" "5760366" "5990605" "6037243" "6118140" "6242326").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:52
S20 9	8	(puls\$3 adj laser adj ablat\$3) and overlap\$4 with (even\$3 uniform\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:55
S21 0	8	(puls\$3 adj laser adj ablat\$3) and (overlap\$4 with (even\$3 uniform\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 17:55
S21 1	0	219/121.76.ccls	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/25 18:02
S21 2	340	(219/121.76).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/25 18:02
S21 3	87	S212 and overlap\$4	US-PGPUB; USPAT	OR	ON	2006/04/25 18:02
S21 4	40	("4701592").URPN.	USPAT	OR	ON	2006/04/25 18:35